



WAKEFIELD
RURAL DISTRICT COUNCIL.

REPORT

OF THE

Medical Officer of Health

For the Year 1940.

Leeds:

ELSWORTH BROS., LTD. PRINTERS, BOWMAN LANE.

Wakefield Rural District Council.

PUBLIC HEALTH COMMITTEE.

Chairman:

Councillor R. B. LOFT.

Vice-Chairman:

Councillor J. W. GOODWIN.

Committee:

Councillor	H. BARKER	Councillor	Rev. R. W. HARRIS
„	A. DWYER	„	R. L. LATHAM
„	J. GILL	„	H. SIMPSON
„	A. E. GREAVES	„	C. MARSHALL
„	F. BARKER	„	G. W. FISHER
„	E. KEEN	„	J. MURGATROYD
„	H. TAYLOR		

Clerk to the Council:

GERALD ARMITAGE.

Deputy Clerk to the Council:

A. ELSTONE.

Medical Officer of Health:

Dr. STEPHENS, M.R.C.S., Eng.; L.R.C.P., Lond.; B.S., Wales.

Sanitary Inspector:

THOS. H. BRIDDICK, A.R.San.I., M.S.I.A., Etc.

Additional Sanitary Inspector:

J. L. TONG, M.S.I.A.

Assistant Sanitary Inspectors:

A. BAXTER. S. V. CROFTON S. STEPHENSON

Clerk:

Miss I. JAQUES.

Disinfector:

G. SCOTT.



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THE WAKEFIELD RURAL DISTRICT COUNCIL.

REPORT of the Medical Officer of Health
FOR THE YEAR ENDING 31st DECEMBER, 1940.

Statistics and Social Conditions of the Area.

Area.—22,011 acres.

Registrar-General's Estimate of Resident Population, 1940.—
 18,290.

Number of Inhabited Houses (end of 1940) according to Rate
 Books.—

<i>Parish</i>								<i>Houses</i>
Chevet	..	..	..	..	..	..	..	
Crigglestone	..	..	..	..	..	..	..	
Crofton	..	..	..	..	..	..	..	
Newland-cum-Woodhouse	..	..	..	..	..	..	..	
Notton	..	..	..	..	..	..	..	
Sharlston	..	..	..	..	..	..	..	
Sitlington	..	..	..	..	..	..	..	
Walton	..	..	..	..	..	..	..	
Warmfield-cum-Heath	..	..	..	..	..	..	..	
West Bretton	..	..	..	..	..	..	..	
Winterset	..	..	..	..	..	..	..	
Woolley	..	..	..	..	..	..	..	
TOTAL								*

* Includes Vans and other dwellings entered in Rate Book,

Rateable Value.—£79,373.

Sum Represented by a Penny Rate.—£298.

The area differs greatly in its characteristics, some parts being almost Urban, such as Crigglestone, Sharlston and Crofton, and some being purely Rural, such as Chevet, Bretton, Warmfield-cum-Heath and Newland-cum-Woodhouse.

Occupation in the populous parts is provided in the mines, and in the rural portions agriculture is the staple industry. The proximity of Wakefield, Ossett, etc., gives a source of industry in the mills and other works.

At the end of the year 512 evacuees were resident in the district, but in no instance was there any overcrowding as a result of this influx of residents.

Vital Statistics.

				Total	M.	F.	
Live Births..	Legitimate		311	138	173	Birth-rate per 1,000 of the estimated resident population ..	17.6
	..Illegitimate		11	8	3		
Still Births	..	..	15	9	6	Rate per 1,000 total (live and stillbirths) births ..	44.5
Deaths	..	..	262	131	131	Death-rate per 1,000 of the estimated resident population ..	14.3

Deaths from Puerperal causes :—

			Deaths	Rate per 1,000 Total (Live and Still) Births
Puerperal Sepsis	..	—	..	—
Other Puerperal Causes	..	—	..	—
Total			..	—

INFANTILE MORTALITY IN 1940.

Nett Deaths from stated causes under one year of age :—30.

Cause of Death	Under 1 Week	1—2 Weeks	2—3 Weeks	3—4 Weeks	Total under 1 Month	1—3 Months	3—6 Months	6—9 Months	9—12 Months	Total under 1 Year
Premature Birth, Malformation, etc.	7	1	—	—	8	—	—	—	—	8
Bronchitis	—	—	—	—	—	—	—	—	—	—
Broncho Pneumonia	—	—	—	1	1	2	1	2	2	8
Convulsions	—	—	1	1	2	—	—	—	—	2
Other Causes	6	2	—	—	8	—	—	3	1	12
Totals	13	3	1	2	19	2	1	5	3	30

Death Rate of Infants under one year of age :—

All infants per 1,000 live births 96.2

Legitimate infants per 1,000 legitimate live births .. 86.8

Illegitimate infants per 1,000 illegitimate live births 272.7

Deaths from Measles (all ages), nil. Rate per 1,000 population, nil.

Deaths from Whooping Cough (all ages), nil. Rate per 1,000 population, nil.

Deaths from Diarrhoea (under 2 years of age), 1. Rate per 1,000 live births, 3.10.

Deaths from other Causes :—

	Males	Females	Total	Percentage of Total Deaths
Cancer	16	13	29	11.0
Heart Disease	34	34	68	25.9
Pulmonary Tuberculosis ..	4	—	4	1.5
Non-Pulmonary Tuberculosis	2	1	3	1.1
Congenital Debility, Malformation, Premature Birth, and other causes	7	10	17	6.4
Diphtheria	—	—	—	—
Influenza	—	—	—	—
Pneumonia	6	8	14	5.3
Bronchitis	17	6	23	8.7
Other Respiratory Diseases ..	1	3	4	1.5
TOTAL ..	87	75	162	61.8

BIRTH-RATE, DEATH-RATE AND ANALYSIS OF MORTALITY DURING THE YEAR 1940.

Birth-rates, Death-rates and Analysis of Mortality { England and Wales, 126 County Boroughs and Great Towns, and 148 Smaller Towns. }

	Rate per 1,000 Total Population		Annual Death-rate per 1,000 Population										Rate per 1,000 Live Births	
	Live Births	Still Births	All Causes	Typhoid and Paratyphoid Fevers	Small-pox	Measles	Scarlet Fever	Whooping Cough	Diphtheria	Influenza	Violence	Diarrhoea and Enteritis (under two years)	Total Deaths under one year	
England and Wales	14.6	0.55	14.3	0.00	—	0.02	0.00	0.02	0.06	0.32	—	4.6	55	
126 County Boroughs and Great Towns, including London	16.0	0.64	15.8	0.00	—	0.02	0.00	0.02	0.07	0.29	—	5.9	61	
148 Smaller Towns (Estimated Resident Populations 25,000 to 50,000 at Census 1931)	15.7	0.55	12.8	0.00	—	0.02	0.00	0.02	0.05	0.30	—	4.4	54	
London	13.7	0.44	17.8	0.00	—	0.01	0.00	0.00	0.01	0.18	—	5.8	50	
Wakefield R.D.C.	17.6	0.82	14.3	—	—	—	—	—	—	—	0.21	3.10	30	

The maternal mortality rates for England and Wales are as follows :—per 1,000 Total Births
Wakefield R.D.C. :—per 1,000 Total Births
Puerperal Sepsis 0.52
Others 1.64
Total 2.16

Public Health Officers.

Medical Officer of Health :—Dr. T. STEPHENS, M.R.C.S., Eng. ;
L.R.C.P., Lond. ; B.S., Wales.

Sanitary Inspector:—Thos. H. BRIDDICK, A.R.San.I., M.S.I.A.

(Certificate of the Royal Sanitary Institute for Inspector of Nuisances. Certificate of the Royal Sanitary Institute for Inspector of Meat and other Foods. Diploma, Sanitary Training College, London, for Sanitary Inspection, Law, Science and Hygiene. Diploma, Sanitary Training College, London, for Meat, Food and Drugs Inspection).

Additional Sanitary Inspector :—J. L. TONG, M.S.I.A.

Three Assistant Inspectors, who, acting as Water Inspectors, attend to minor nuisances on the instructions of the Sanitary Inspector.

Laboratory Facilities.

The examination of sputum, swabs and other pathological specimens, is carried out by the County Council. Milk is also examined for tubercle bacilli and bacterial content by the County Council, while water and food stuffs are submitted to the Public Analyst, Mr. Richardson, of Bradford.

Ambulance Facilities.

There are two motor ambulances for the removal of infectious disease patients to Carr Gate Hospital, and one for smallpox patients, which meet the requirements of the districts.

Ambulances for non-infectious cases are not provided by the Council, and the public has to depend upon the use of private ones.

Nursing at Home.

- (a) General Nursing :—No arrangements by the Council.
- (b) Nursing of Infectious Cases :—No arrangements for nursing at home.

Clinics and Treatment Centres.

All clinics and treatment centres are under the jurisdiction of the West Riding County Council. Diphtheria immunisation is carried out by the Medical Officer of Health and private practitioners.

Hospitals and Other Institutions.

- (a) General Infectious Diseases :
 - (1) Carr Gate Isolation Hospital, Wakefield.
 - (2) Cardigan Smallpox Hospital, Wakefield.

(b) Voluntary Hospitals :

The hospitals used by the inhabitants in the area for accidents and general diseases are :—

- (1) Clayton Hospital, Wakefield.
- (2) Leeds Infirmary.
- (3) Women and Children's Hospital, Leeds.

The Council has made no arrangements for the admission of patients into these voluntary institutions.

(c) Public Assistance Hospital :

County Hospital, Wakefield.

Hospital Accommodation.

Hospital, Zymotic Diseases.

The Carr Gate Hospital at the time of its erection was sufficient for the needs of the area, but owing to increase in population it is at times incapable of accommodating all cases.

The hospital is governed by representatives from the Rural District of Wakefield, the Urban District Council of Stanley and the County Borough of Morley.

Persons suffering from Diphtheria, Scarlet Fever and Enteric Fever from these districts are admitted and treated in this hospital.

Cardigan Smallpox Hospital.

This hospital is governed by a Smallpox Joint Hospital Board, comprised of representatives from the City of Wakefield, the Wakefield Rural District Council, the Urban District Councils of Stanley, Methley, Horbury and Rothwell, the Rural District Council of Hunslet and the County Borough of Morley.

At the present time it is leased to the West Riding County Council and used as a sanatorium. The County Council has entered into an agreement to vacate immediately these premises should an outbreak of smallpox occur in any of the above districts.

Sanitary Circumstances of the Area.

Water.

With the exception of a few isolated houses the district is well supplied with water for domestic purposes.

Drainage and Sewerage.

Sewers are still required in the parishes of Warmfield-cum-Heath, Sharlston, Crofton, Crigglestone, Sitlington and Bretton.

In the parish of Warmfield-cum-Heath with the exception of the new Council Houses the whole of the houses drain into cesspools or open ditches.

In the hamlet of Warmfield the conditions are very unsatisfactory. Several of these open ditches are for the greater part of the year full of stagnant sewage, some of them within a few feet of the public footpath.

Spring Hill Area in the Parish of Crofton drains into the brook which flows through that part of the district. A scheme for its drainage is held in abeyance during the war.

In the Parish of Sharlston, Foulby Area is developing and here cesspools are constructed to take the drainage from all the houses.

Woolley Moor, Dennington and Great Cliffe, in the Parish of Crigglestone, are unsatisfactorily sewered. At Dennington the house drains discharge into the brook, at Great Cliffe part of the houses discharge into an open ditch and the remainder into the covered drain discharging into the stream near the Railway Station.

Throughout the district individual house drainage may be considered fairly satisfactory. Inefficient sewers are the greatest drawback in the parts of the parishes referred to.

All sewage works in the district are quite satisfactory and the sewage conveyed thereto has been treated in an efficient manner, with the exception of the Parish of Sitlington. Reconstruction of the sewage works at Horbury Bridge is suspended until the end of the war.

Rivers and Streams.

There were no complaints from the West Riding of Yorkshire Rivers Board regarding any of the affluents from the sewage works.

Pollution of rivers and streams is prevalent in Crigglestone and Crofton. This pollution taking place through the house drainage finding its way direct without treatment.

Closet Accommodation.

During the year 272 privy middens were converted to water closets.

Types of Closet Accommodation in the District.

Water Closets	..	..	..	..	..	3270
Slop Closets	..	..	..	..	..	—
Tub Closets	..	..	..	..	..	35
Privy Middens	..	..	..	..	..	636

Schools.

The water supply and sanitary conditions of all the schools in the district are quite satisfactory. School children who came in contact with any case of infectious disease were excluded from school for a definite period. Disinfections were carried out at the Schools when it was found that any child had attended whilst in an infectious state. It was found necessary to close 2 schools where epidemics of Chickenpox prevailed.

Inspection of Factories, Workshops and Workplaces.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises (1)	Number of		
	Inspections (2)	Written Notices (3)	Occupiers Prosecuted (4)
Factories (including Factory Laundries)	—	—	—
Workshops (including Workshop Laundries)	—	—	—
Workplaces (Other than Outworkers' Premises)	—	—	—
Total ..	—	—	—

Rag Flock Acts, 1911 and 1928.

There are no premises within the district where rag flock is manufactured, used or sold.

Defects found in Factories, Workshops and Workplaces.

Particulars (1)	Number of Defects			No. of Offences in respect of which prosecutions were instituted (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	
<i>Nuisances under the Public Health Acts:—</i>				
Want of cleanliness	—	—	—	—
Want of ventilation	—	—	—	—
Overcrowding	—	—	—	—
Want of drainage of floors	—	—	—	—
Other nuisances	—	—	—	—
Sanitary accommodation {	insufficient	—	—	—
	unsuitable or defective..	—	—	—
	not separate for sexes ..	—	—	—
<i>Offences under the Factory and Workshops Acts:—</i>				
Illegal occupation of underground bakehouse (s. 101)	—	—	—	—
Other Offences	—	—	—	—
Excluding offences relating to out- work and offences under the Sec- tions mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921.				
Total	—	—	—	—

Outwork in Unwholesome Premises, Section 108.

Nature of Work	Instances	Notices served	Prosecutions
(1)	(2)	(3)	(4)
Wearing Apparel—			
Making, &c.	—	—	—
Cleaning and Washing ..	—	—	—
Household Linen	—	—	—
Lace, Lace Curtains and Nets	—	—	—
Curtains & Furniture Hangings	—	—	—
Furniture & Upholstery	—	—	—
Electro-plate	—	—	—
File Making	—	—	—
Brass & Brass Articles	—	—	—
Fur Pulling	—	—	—
Cables and Chains	—	—	—
Anchors and Grapnels	—	—	—
Cart Gear	—	—	—
Locks, Latches and Keys	—	—	—
Umbrellas, &c.	—	—	—
Artificial Flowers	—	—	—
Nets, other than Wire Nets..	—	—	—
Tents	—	—	—
Sacks	—	—	—
Racquet and Tennis Balls	—	—	—
Paper, &c., Boxes, Paper Bags	—	—	—
Brush Making	—	—	—
Pea Picking	—	—	—
Feather Sorting	—	—	—
Carding, &c., of Buttons, &c.	—	—	—
Stuffed Toys	—	—	—
Basket Making	—	—	—
Chocolates & Sweetmeats	—	—	—
Cosaques, Christmas Crackers, Christmas Stockings, &c...	—	—	—
Textile Weaving	—	—	—
Lampshades	—	—	—
TOTAL	—	—	—

Statement of Notifications of Infectious Diseases received during the year 1940.

Wakefield Rural Sanitary District.

Cases Notified or otherwise ascertained		Cases removed to Hospital	
Smallpox	—	Scarlet Fever	38
Diphtheria, including Membranous Croup	15	38	15
Typhoid	—	Puerperal Fever	1
	—	Puerperal Pyrexia	1
Paratyphoid	—	Cerebro-Spinal Fever	5
Pneumonia	26	Acute Poliomyelitis	—
Acute Polio-Encephalitis	—	Acute Polio-Encephalitis	—
Encephalitis Lethargica	—	Typhus Fever	—
Relapsing Fever	—	Continued Fever	—
Dysentery	—	Ophthalmia Neonatorum	—
Erysipelas	7	Respiratory Tuberculosis (New cases only)	17
Other forms of Tuberculosis (New cases only)	2	Contracted in England	—
Malaria	—	Contracted abroad	—
	—	Chickenpox	—
Measles (excluding German Measles)	302	Whooping Cough	5
Other Diseases (Please specify)	—	Smallpox	—
Scarlet Fever	38	Diphtheria	15
Enteric Fever	—	Other Diseases (Cerebro-Spinal Fever)	5
Puerperal Fever	—	Puerperal Pyrexia	—
Puerperal Pyrexia	—	Gastro Enteritis and Whooping Cough	—

Infectious Diseases.

Scarlet Fever.

38 cases of Scarlet Fever were notified during the year.

The attack rate per 1,000 population was 2.07.

There were no deaths through Scarlet Fever during the year.

Notification of all infectious diseases is chiefly given by telephone. This expedites the removal of the patients to the Isolation Hospital and to a large degree minimizes the spread of infection.

All cases were treated in hospital.

Diphtheria.

15 cases of Diphtheria were reported and all removed to the Isolation Hospital ; no deaths occurred.

The attack rate per 1,000 of the population was .81. The incidence compares favourably with that of other districts. The majority of cases, on investigation, were found to have contracted the disease outside the area.

Clinics for immunisation were established in various parts of the district by the County Council and were very well attended.

Enteric.

There were no cases of Enteric Fever reported during the year.

Cerebro-Spinal Fever.

Five cases of Cerebro-Spinal Fever were notified and removed to Hemsworth Isolation Hospital.

By special arrangement all cases of Cerebro-Spinal Meningitis are removed to Hemsworth Isolation Hospital for treatment.

**Notifiable Diseases (other than Tuberculosis) during the
year 1940.**

Disease	Total Cases Notified	Cases admitted to Hospital	Total Deaths		
			M.	F.	Total
Smallpox	—	—	—	—	—
Scarlet Fever	38	38	—	—	—
Diphtheria	15	15	—	—	—
Enteric Fever (including Para- typhoid	—	—	—	—	—
Puerperal Fever	1	—	—	—	—
Puerperal Pyrexia	1	—	—	—	—
Pneumonia	26	—	6	8	14
Other Diseases generally notifiable :					
Cerebro-Spinal Fever	5	5	1	1	2
Acute Poliomyelitis	—	—	—	—	—
Erysipelas	7	—	—	—	—
Ophthalmia Neonatorum	—	—	—	—	—
Dysentery	—	—	—	—	—
Chicken Pox	—	—	—	—	—
Whooping Cough	5	—	—	—	—
Measles	302	—	—	—	—
Totals ..	400	58	7	9	16

TOTAL CASES NOTIFIED.

Disease	Under 1 yr.	1 yr.	2 yr.	3 yr.	4 yr.	5-9 yrs.	10-14 yrs.	15-19 yrs.	20-34 yrs.	35-44 yrs.	45-64 yrs.	65 yrs and over	Total
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	—	—	3	—	2	15	9	—	8	1	—	—	38
Diphtheria	—	—	—	1	3	3	3	—	4	1	—	—	15
Enteric Fever (including Paratyphoid)	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Fever	—	—	—	—	—	—	—	—	1	—	—	—	1
Puerperal Pyrexia	—	—	—	—	—	—	—	—	—	1	—	—	1
Pneumonia	—	1	—	2	—	2	—	1	7	5	6	2	26
Dysentery	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Diseases— generally notifiable :—													
Acute Polyomyelitis	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-spinal Fever	1	—	2	1	—	—	—	—	1	—	—	—	5
Ophthalmia Neonatorum	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas	—	—	—	—	—	—	—	—	1	3	2	1	7
Pulmonary Tuberculosis	—	1	1	—	—	2	1	2	6	—	4	—	17
Non-Pulmonary Tuberculosis	—	—	—	—	—	1	—	—	—	1	—	—	2
Measles	20	17	32	43	33	128	21	4	3	—	1	—	302
Whooping Cough	—	—	—	1	2	2	—	—	—	—	—	—	5
TOTAL	21	19	37	48	40	153	34	7	31	12	13	3	419

INFECTIOUS DISEASES NOTIFIED IN THE VARIOUS TOWNSHIPS.

	Smallpox	Scarlet Fever	Enteric		Diphtheria	Cerebro-Spinal Meningitis	Pneumonia	Puerperal Fever	Puerperal Pyrexia	Ophthalmia Neonatorum	Erysipelas	Tuberculosis		Dysentery	Measles	Whooping Cough	TOTAL
			Typhoid	Paratyphoid								Pulmonary	Non-Pulmonary				
Bretton ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Crigglestone ..	—	5	—	—	5	—	5	—	1	—	1	4	—	—	86	3	110
Crofton ..	—	11	—	—	—	—	4	1	—	—	1	5	—	—	68	—	90
Chevet ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	2
Woolley ..	—	4	—	—	1	1	2	—	—	—	—	—	—	—	8	—	16
Newland-cum-Woodhouse ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharlston ..	—	5	—	—	4	3	3	—	—	—	1	2	—	—	13	—	31
Sitlington ..	—	2	—	—	1	1	8	—	—	—	4	5	1	—	119	2	143
Walton ..	—	9	—	—	1	—	3	—	—	—	—	1	1	—	4	—	19
Warmfield-cum-Heath ..	—	2	—	—	2	—	1	—	—	—	—	—	—	—	2	—	7
Notton ..	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1
Winterset ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL ..	—	38	—	—	15	5	26	1	1	—	7	17	2	—	302	5	419

Non-Notifiable Infectious Diseases.

Information concerning the prevalence of acute non-notifiable infectious diseases was chiefly gathered from the drop in the attendance of school children. Measles and Chickenpox were prevalent. Here again it was not possible to obtain the number actually affected.

No information reached me of the occurrence of Anthrax, Epidemic Jaundice, Rheumatic Fever, Undulant Fever or Psittacosis.

Verminous Persons.

Arrangements for cleansing of verminous people, clothing, bedding and all textile articles likely to contain vermin, are made with the City of Leeds when the occurrence arises. The infested articles are steam disinfected and, during the occupier's stay at the cleansing station, the premises are fumigated. It was not necessary to take any action during 1940.

Disinfection.

This is carried out at every place where a notifiable infectious disease has occurred, and where there has been a death from Tuberculosis. Houses in which active cases of Tuberculosis reside are disinfected periodically—every 3 months. Disinfection is also done when a tuberculous person leaves home and enters a sanatorium.

The method employed is formalin sprayer and lamps.

This work is done by a trained workman under the supervision of the Sanitary Inspector.

Prevention of Blindness.

It was not found necessary to take any action during the year for the prevention of blindness or for the treatment of persons suffering from injury or any diseases of the eyes.

Ophthalmia Neonatorum.

No cases were notified.

Tuberculosis. New Cases and Mortality during 1940.

Age Periods						New Cases				Deaths			
						Pul-monary		Non-Pul-monary		Pul-monary		Non-Pul-monary	
						M.	F.	M.	F.	M.	F.	M.	F.
0—	..	..	..	..	..	—	—	—	—	—	—	—	—
1—	..	..	..	..	..	2	—	—	—	—	—	1	—
5—	..	..	..	..	..	1	1	1	—	—	—	1	—
15—	..	..	..	..	..	1	3	—	—	1	—	—	1
25—	..	..	..	..	..	2	2	—	—	—	—	—	—
35—	..	..	..	..	..	—	—	—	1	—	—	—	—
45—	..	..	..	..	..	1	—	—	—	1	—	—	—
55—	..	..	..	..	..	4	—	—	—	2	—	—	—
65 and upwards	..	..	..	..	..	—	—	—	—	—	—	—	—
Totals						11	6	1	1	4	—	2	1

Causes of Death in 1940.

Causes of Death							Males	Females
All Causes							131	131
1	Typhoid and paratyphoid fevers						—	—
2	Measles						—	—
3	Scarlet Fever						—	—
4	Whooping Cough						—	—
5	Diphtheria						—	—
6	Influenza						—	—
7	Encephalitis lethargica						—	—
8	Cerebro-spinal fever						1	1
9	Tuberculosis of respiratory system						4	—
10	Other tuberculous diseases						2	1
11	Syphilis						—	1
12	General paralysis of the insane, tabes dorsalis						—	—
13	Cancer, malignant disease						16	13
14	Diabetes						—	5
15	Cerebral haemorrhage, &c.						—	—
16	Heart disease						34	34
17	Aneurysm						—	—
18	Other circulatory diseases						2	3
19	Bronchitis						17	6
20	Pneumonia (all forms)						6	8
21	Other respiratory diseases						1	3
22	Peptic Ulcer						1	—
23	Diarrhoea, &c. (under 2 years)						1	—
24	Appendicitis						—	—
25	Cirrhosis of liver						—	—
26	Other diseases of liver, etc.						—	—
27	Other digestive diseases						—	7
28	Acute and chronic nephritis.. .. .						7	5
29	Puerperal sepsis						—	—
30	Other puerperal causes						—	—
31	Congenital debility, premature birth, malformation, etc.						7	10
32	Senility						—	—
33	Suicide						2	—
34	Other violence						1	1
35	Other defined diseases						3	1
36	Causes ill-defined or unknown						11	7
Special Causes (included in No. 35 above)—								
	Small-pox						—	—
	Poliomyelitis						—	—
	Polioencephalitis						—	—
Deaths of Infants under 1 year		{ Total					14	16
		{ Legitimate					11	16
		{ Illegitimate					3	—
Live Births		{ Total					146	176
		{ Legitimate					138	173
		{ Illegitimate					8	3
Still Births		{ Total					9	6
		{ Legitimate					8	6
		{ Illegitimate					1	—
Population (Resident)							18,290	



WAKEFIELD RURAL DISTRICT COUNCIL.

Report of the Sanitary Inspector

FOR THE YEAR 1940.

*To the Chairman and Members of
the Wakefield Rural District Council.*

Gentlemen,

I respectfully submit my Report for the year 1940 on the sanitary improvements effected throughout the district.

This report in no way gives you any idea of the amount of work which has fallen on my department during the year.

The many calls at the present time makes it impossible for me to give you anything except a brief outline for statistic purposes.

I should like to add tribute to the members of my staff for the manner in which they responded to the many calls made on them, and the successful completion of the evacuation problems was entirely due to their unfailing energies and loyalty.

I am,

Your obedient Servant,

THOS. H. BRIDDICK, A.R.San.I., M.S.I.A.,
Sanitary Inspector.

Notices and Correspondence.

Number of Statutory Notices served, Sec. 75, Public Health Act, 1936		1
Do.	Statutory Notices, Public Health (Amendment) Act, 1936, Sec. 47	1
Do.	Statutory Notices (Sec. 93) Public Health Act, 1936	2
Do.	Statutory Notices (Sec. 11) Housing Act, 1936.. .. .	1
Do.	Statutory Notices, Milk and Dairies, 1926	15
Do.	Informal Notices served	25
Do.	Letters sent	1911
Do.	Sec. 127, Housing Act, 1936	—
Do.	Sec. 6, Housing Act, 1936	—
TOTAL ..		1956

Number of Nuisances reported to Sanitary Committee

Number of reported nuisances outstanding, 1939 ..		—
Number abated on service of Statutory Notice (Public Health Acts)		4
Do.	abated before Statutory Notice was served..	—
Do.	of reported nuisances outstanding, 1940 ..	—

Houses Erected, 1940.

	Bretton	Crigglestone	Crofton	Chevet	Newland	Notton	Sharlston	Sitlington	Walton	Warmfield	Winterset	Woolley	Total
Private Enterprise and Subsidy ..	—	2	—	—	—	—	—	12	—	1	—	1	16
By the Council under 1936 Acts—Houses ..	—	—	4	—	—	—	—	12	6	—	—	—	22
TOTAL ..	—	2	4	—	—	—	—	24	6	1	—	1	38

Inhabited Houses.

Parish	Houses
Chevet	
Crigglestone	
Crofton	
Newland-cum-Woodhouse	
Notton	
Sharlston	
Sitlington	
Walton	
Warmfield-cum-Heath	
Bretton West	
Winterset	
Woolley	
TOTAL	

Sanitary Inspection of Area.

Notifiable Infectious Diseases	73
Cowsheds	255
Slaughter-houses	175
Interviews and Appointments in District	287
Investigations of Complaints	187
Inspections of Works for the Abatement of Nuisances	141
Houses Inspected	64
Drain Testing	38
Shops	40
Samples of Milk Taken and Examined	31
Refuse Tips	58
General District Inspection	205
Visits <i>re</i> Privy Midden Conversions	398
Water Samples	5
Military Camps	35
Government Evacuation Scheme	1835
TOTAL	3827

Nuisances Abated and Improvements Effected.

ITEMS	PARISHES												Total
	Bretton	Crigglestone	Crofton	Chevet	Notton	Newland-cum-Woodhouse	Sharlston	Sitlington	Walton	Warmfield-cum-Heath	Winterset	Woolley	
No. of Privies converted into water closets ..	—	—	57	—	—	—	—	2	—	—	—	—	59
„ New water closets erected at old property ..	—	—	—	—	—	—	—	—	—	—	—	—	—
„ Tub closets converted ..	—	—	—	—	—	—	—	—	—	—	—	—	—
„ Tub closets repaired ..	—	—	—	—	—	—	—	—	—	—	—	—	—
„ Tub closets abolished ..	—	—	—	—	—	—	—	—	—	—	—	—	—
„ Privy Middens abolished ..	—	—	57	—	—	—	—	2	—	—	—	—	59
„ Water closets repaired ..	1	10	8	—	—	—	4	6	2	2	2	—	35
„ Privy middens repaired ..	—	—	—	—	—	—	—	—	—	—	—	—	—
„ New ashbins provided ..	2	18	64	—	—	—	10	4	2	—	—	—	100
„ New drains constructed ..	8	—	40	—	—	—	—	—	—	—	—	—	48
„ New gullies fixed ..	6	—	—	—	—	—	—	4	—	—	—	—	10
„ Slopstone sinks provided and renewed ..	2	1	4	—	—	—	—	2	—	—	—	—	9
„ Waste pipes renewed and trapped ..	2	2	4	—	—	—	1	1	—	—	—	—	10
„ Inspection chambers built and repaired ..	2	—	5	—	—	—	—	—	—	—	—	—	7
„ Ventilating shafts to drains ..	—	—	—	—	—	—	—	—	—	—	—	—	—
„ Stopped drains released ..	2	—	16	—	1	—	12	2	1	1	—	6	41
„ Lighting, ventilation & floors ..	3	4	2	—	—	—	12	1	—	—	—	—	22
„ Windows repaired ..	1	1	8	4	—	—	20	4	2	4	—	—	44
„ Ceilings repaired ..	—	—	—	—	—	—	—	—	—	—	—	—	—
„ Eaves, spouts & down-pipes repaired ..	—	—	—	—	—	—	—	—	—	—	—	—	—
„ Roofs repaired ..	1	3	1	—	—	—	10	1	2	—	—	—	18
„ Flooding of cellars remedied ..	—	1	—	—	—	—	—	2	—	—	—	—	3
„ Houses where dampness was remedied ..	—	—	—	—	—	—	—	—	—	—	—	—	—
„ Nuisances abated arising from keeping of animals ..	—	—	—	—	—	—	—	1	—	—	—	—	1
„ Dirty houses cleaned ..	—	4	6	—	—	—	3	4	1	—	—	—	18
„ Offensive accumulation ..	—	—	—	—	—	—	—	—	—	—	—	—	—
„ New Privy Middens built ..	—	—	—	—	—	—	—	—	—	—	—	—	—
Carried forward ..	30	44	272	4	1	—	72	36	10	7	2	6	484

ITEMS	PARISHES												Total
	Bretton	Crigglestone	Crofton	Chevet	Notton	Newland-cum-Woodhouse	Sharlston	Sitlington	Walton	Warmfield-cum-Heath	Winterset	Woolley	
Brought forward	30	44	272	4	1	—	72	36	10	7	2	6	484
No. of Yards re-paved. ..	—	—	—	—	—	—	—	—	—	—	—	—	—
„ Cowsheds repaired ..	—	1	—	—	—	—	—	—	—	—	—	—	1
„ Old drains reconstruct'd ..	—	—	—	—	—	—	—	—	—	—	—	—	—
„ Urinals repaired ..	—	—	—	—	—	—	—	—	—	—	—	—	—
„ Downspouts disconnected from drains ..	—	—	—	—	—	—	—	—	—	—	—	—	—
„ Cleansing of Workshops ..	—	—	—	—	—	—	—	—	—	—	—	—	—
„ Occupation of sheds abated ..	—	—	—	—	—	—	—	—	—	—	—	—	—
„ Dairies constructed ..	—	1	—	—	—	—	—	—	—	—	—	—	1
„ Quarries fenced ..	—	—	—	—	—	—	—	—	—	—	—	—	—
„ Baths complete ..	—	—	—	—	—	—	—	—	—	—	—	—	—
„ House walls repaired ..	—	—	—	—	—	—	—	—	—	—	—	—	—
„ Food Stores repaired ..	—	—	—	—	—	—	—	—	—	—	—	—	—
„ Cesspools constructed ..	—	—	—	—	—	—	—	—	—	—	—	—	—
„ Cesspools repaired ..	1	—	—	—	3	—	—	—	—	—	—	—	4
„ Other items not mentioned above ..	2	1	1	—	2	—	4	1	—	—	—	—	11
TOTAL ..	33	47	273	4	6	—	76	37	10	7	2	6	501
Ditches cleaned out (yds.) ..	—	—	—	—	—	—	—	—	—	—	—	—	—

Disinfections.

Disinfections are carried out by workmen specially trained for this work and the method adopted is spraying with Formaldehyde and Formalin Lamps. During the year 150 disinfections were carried out by this method. In the case of Verminous houses, de-infestation is done by spraying with a special insecticide and fumigation with sulphur candles.

Disinfectants are supplied free for use in houses where a case of infectious disease has occurred and where Tuberculosis patients reside. Stores for the supply of disinfectants are situated in each of the Townships and supplies are issued on the production of a note signed either by myself or the disinfectant.

I do not advocate the indiscriminate use of disinfectants. Cleanliness, fresh air and sunlight are the most important factors in the prevention and spread of disease.

Disinfectants in the hands of some persons are more harmful than useful, and the wasteful manner in which it was used in the past compelled me to curtail the issue of fluid disinfectant.

The following disinfections were carried out during 1940 :—

DISINFECTIONS	DISEASES								Total
	Tuberculosis	Scarlet Fever	Diphtheria	Erysipelas	Cancer	Vermin	Cerebro-Spinal Fever	Scabies	
Private Dwelling Houses ..	34	48	22	1	1	36	5	3	150
Schools	—	—	—	—	—	—	—	—	—
Other Places .. .	—	—	—	—	—	—	—	—	—
TOTAL	34	48	22	1	1	36	5	3	150

The result of the disinfections for zymotic diseases has been very satisfactory and no secondary cases have occurred that could be traced to the inefficiency of the method adopted.

Disinfection for tuberculosis is carried out every three months in all houses where active cases reside, and immediately after the removal of a patient to a sanatorium. Disinfection then ceases until the patient returns home.

The total number of houses disinfected for tuberculosis during the year was 34.

Disinfestation.

30 houses were found to be infested with bugs during the year.

Food and Drugs.

No samples were submitted to the Public Analyst during the year.

Cowsheds, Milk Shops, Dairies.

On the 31st December, 1940, there were 47 wholesale producers, 90 producer retailers and retailers.

255 visits were made during the year to farms and dairies ; the average number of dairy cattle kept in the district was 1195.

67 samples of milk produced in the district obtained by County Inspectors were examined for bacterial count. 16 samples were found to be unsatisfactory.

Meat Condemned and Destroyed, 1940.

Carcases and Organs		Tuberculosis	Pericarditis	Lymphadenitis	Decomposition	Oedema	Pleurisy	Distoma Hepaticum	Sporotrichum Cairis	Cirrhosis	Total
Total carcases and all organs of—											
Beasts ..	..	..	..	..	..	..	..	..	..	..	1
Forequarters ..	..	..	..	..	..	..	..	..	..	..	..
Spleen ..	..	..	..	..	..	..	..	..	..	..	..
Stripped Pleuro ..	..	..	..	..	..	..	..	..	..	..	..
Stripped Peritoneum ..	..	..	..	..	..	..	..	..	..	..	..
Carcases of Calves ..	..	..	..	..	..	..	..	..	..	..	..
Total carcases and organs of Pigs ..	..	..	..	..	..	..	..	..	..	..	4
Total carcases and organs of Sheep ..	..	..	..	..	..	..	..	..	..	..	1
Parts and Organs (Bovine)—											
Heads and Tongues ..	..	..	..	..	..	..	..	..	..	..	3
Intestines ..	..	..	..	..	..	..	..	..	..	..	..
Kidneys ..	..	..	..	..	..	..	..	..	..	..	..
Hearts ..	..	..	..	..	..	..	..	..	..	..	..
Livers ..	..	..	..	..	..	..	..	..	..	..	2
Lungs ..	..	..	..	..	..	..	..	..	..	..	3
Stomachs ..	..	..	..	..	..	..	..	..	..	..	1
Udders ..	..	..	..	..	..	..	..	..	..	..	..
Mesentery ..	..	..	..	..	..	..	..	..	..	..	..
Heads (Pig) ..	..	..	..	..	..	..	..	..	..	..	..
Kidneys ..	..	..	..	..	..	..	..	..	..	..	..
Livers ..	..	..	..	..	..	..	..	..	..	..	1
Lungs ..	..	..	..	..	..	..	..	..	..	..	..
Livers (Sheep) ..	..	..	..	..	..	..	..	..	..	..	..
Lungs do. ..	..	..	..	..	..	..	..	..	..	..	..
Hand of Pork ..	..	..	..	..	..	..	..	..	..	..	..
TOTAL		..	..	..	..	..	..	..	..	..	16

Offensive Trades.

In the district there are 28 Fish Friers. The conditions at these premises were found satisfactory.

Petroleum and like Substances.

28 premises are licensed for the storage of Petroleum. There were no accidents during the year and no contraventions of the Petroleum Act discovered.

Canal Boats.

There are no Canal Boats registered in the district. Canal Boats worked in the district are chiefly day boats on which there is no sleeping accommodation. No inspections were made during the year.

Housing.

64 houses were inspected during the year. 8 were found not to be in a reasonable state but capable of being repaired at reasonable cost. No Demolition Orders were made and no undertakings accepted. 27 houses were rendered fit after service of formal notice and 149 repaired in consequence of informal notice.

Sanitary Conveniences.

PARISH	Water Closets	Covered Privy Middens	Open Privy Middens	Tub or Pail Closets	Covered Dry Ashpits	Open Dry Ashpits	Ashbins
Bretton	17	34	5	6	6	—	15
Crigglestone	736	118	21	1	11	1	723
Crofton	614	8	3	15	43	—	541
Chevet	2	4	4	—	—	—	—
Newland-cum-Woodhouse	2	4	4	—	—	—	2
Notton	76	46	3	1	4	—	76
Sharlston	634	19	2	—	—	—	807
Sitlington	528	89	6	8	28	—	461
Walton	368	12	2	—	—	—	747
Warmfield-cum-Heath	118	62	11	18	5	4	98
Winterset	3	9	—	1	1	—	—
Woolley	232	88	—	—	—	—	232
TOTAL	3330	493	61	50	98	5	3702

Scavenging.

The total cost of scavenging throughout the district for the year 1st April, 1940, to 31st March, 1941, was £2,998. Included in this figure is the cost of the Motor Cesspit Emptyier. The average cost per house was 12s. 0 $\frac{1}{4}$ d.

